

Appearance of Epsignals of a New Type in
Animal Tissues Due to Certain Chemical Agents
and Necrosis, by A. N. Saprin, et. S. Shulyakovskaya
RUSSIAN, per, Dok. Ak. Nauk SSSR Ser Physics,
Vol 189, No 4, December, 1969, pp 889-891
Consultants Bureau

Rec'd 7/2/70, P. 1/2, 1/2, 2/2

August 70

Optical Rotatory Dispersion and Circular Dichroism
of Aminoacyl Derivatives of Nucleotides, by
Ye. S. Gromova.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 4,
1969, pp 892-894.

CB

Jul 70

4-Imidazolyl-3-aminobutan-2-one, New Inhibitor of
Bacterial Histidine Decarboxylease (HDC) of Micro-
coccus sp. n. by S. R. Mardashev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 4,
1969, pp 895-898.

CB

Jul 70

Calorimetric Investigation of the Con-
centration Dependence of the Process of
Melting of Collagen, by
D. R. Monaselidze
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem.,
Vol 189, No 4, Dec 1969, pp 899-901.
CB

Oct 70

**The Sensory Nerve Supply of the Vegetative Ganglia,
by V. G. Lukashin.**

**RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 4,
1969, pp 909-912.**

CB

Oct 70

Characteristics of the Mitotic Cycle During Lens
Regeneration in an Experiment Involving Complete
Removal of the Retina and Lens in Adult Newts,
by V. I. Mitashov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 4,
1969, pp 913-916.

CB

Oct 70

**Influence of Lighting Color on Delayed Responses
of Lower Monkeys, by Ye. P. Koshevnikov.**

**RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 4,
1969, pp 917-919.**

CB

Oct 70

Direct Sums of Division Algebras,
by V. A. Andrunakiyevic,
RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 189, No 5,
1969, pp 927-929.
AMS
Vol 10, No 6, 1969

May 70

On a Decomposition of a Linear Operator,
by M. A. Gol'dman,
RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 169, No 5,
1969, pp 930-933.
AMS
Vol 10, No 6, 1969

May 70

On a Certain Class of Semigroups,
by P. P. Zabreyiko,
RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 189, No 5,
1969, pp 934-937.
AMS
Vol 10, No 6, 1969

May 70

Exponential Decrease of the Wave Equation Solution
in the Exterior of an Almost Star-Like Region,
by V. Ja. Ivriy,
RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 189, No 5,
1969, pp 938-940.
AMS
Vol 189, No 6, 1969

May 70

The Asymptotic Behavior of the Solution of the
Initial Jump Problem for Nonlinear Systems of
Differential Equations with a Small Parameter
in the Leading Derivative, by K. A. Kasymov,
RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 189, No 5,
1969, pp 941-944.

AMS

Vol 10, No 6, 1969

May 70

New Integral Transforms, by M. L. Rasulov,
RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 189, No 5,
1969, pp 945-948.

AMS

Vol 10, No 6, 1969

May 70

Asymptotic Behavior of First Passage Time for Sums
of Random Variables Controlled by a Regular Semi-
Markov Process, by D. S. Sil'vestrov,
RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 189, No 5,
1969, pp 949-951.

AMS

Vol 10, No 6, 1969

May 70

On a Method of Solution of Integer Linear
Programming Problems of a Special Kind,
by V. A. Trubin,
RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 189, No 5,
1969, pp 952-954.
AMS
Vol 10, No 6, 1969

May 70

Calature Formulas with Prescribed Derivatives in
the Periodic Case, by T. I. Hayitov,
RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 189, No 5,
1969, pp 955-958.

AMS

Vol 10, No 6, 1969

May 70

On the Distribution of the Eigenvalues of an
Operator or a Selfadjoint Elliptic Boundary-
Value Problem in an Unbounded Region,
by S. D. Smulevic,
RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 189, No 5,
1969, pp 959-962.

AMS

Vol 10, No 6, 1969

May 70

Application of the Principle of the Maximum to the
Calculation of Optimum Equations of Discrete
Systems, by R. Gabasov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 5,
1969, pp 963-966.

Am Inst Phys

Vol 14, No 12, June 1970

JPRS 49888

Jul 70

A New Solution of the Differential Equations of
Motion of a Body with a Fixed Point Under
Kowalewska's Conditions, by Ye. I. Kharlamova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 5,
1969, pp 967-968.

Am Inst Phys

Vol 14, No 12, June 1970

Jul 70

Variational Estimate of Upper and Lower Bounds of
the Coefficients of Polarizability in the Theory
of Pinhole Diffraction, by R. F. Fikhmanas.

RUSSTAN, per, Dok Ak Nauk SSSR, Vol 189, No 5,
1969, pp 969-972.

Am Inst Phys

Vol 14, No 12, June 1970

Jul 70

Effect of Ultrasound Upon the Formation of High-Energy Particle Tracks in liquid-Hydrogen Bubble Chambers, by V. A. Akulichev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 5, 1969, pp 973-975.

Am Inst Phys

Vol 14, No 12, June 1970

Jul 70

Recombination Emission in Semiconductors Associated
with the Pinch Effect for Highly Degenerate Electron
and Holes Gases, by V. V. Vladimirov.

RUSSIAN, per, Dok Ak Nauk SSSE, Vol 189, No 5,
1969, pp 976-979.

Am Inst Phys

Vol 14, No 12, June 1970

Jul 70

The Problem of the Possible Existence of Super-
Heavy Elements, in Nature, by V. M. Vdovenko.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 5,
1969, pp 980-983.

Am Inst Phys

Vol 14, No 12, June 1970

Jul 70

Stationary Motion of a Beam of Charged Particles
Taking the Natural Space Charge into Account, by
B. I. Volkov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 5,
1969, pp 984-986.

Am Inst Phys

Vol 14, No 12, June 1970

Jul 70

Restruaction of Color Centers of NaCl Single Crystals
by Shock Compression, by O. B. Yakusheva.

RUSSLAN, per, Dok Ak Nauk SSSR, Vol 189, No 5,
1969, pp 991-992,

Am Inst Phys

Vol 14, No 12, June 1970

Jul 70

Octipole States of Even-Even Nuclides in the
Range 150 A 176. by L. A. Malov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 5,
1969, pp 987-990.
Am Inst Phys
Vol 14, No 12, June 1970

Jul 70

Kinetics of the Release of Energy Stored in De-
formed Uranium, by Yu. N. Golovanov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 5,
1969, pp 993-995.

The Am Inst Phys

Vol 14, No 12, June 1970

Jul 70

Structure and Anomalous Physical Properties of
Metallic Islands Condensed on Dielectric Substrates,
by L. S. Palatnik.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 5,
1969, pp 996-999.

Am Inst Phys

Vol 14, No 12, June 1970

Jul 70

Effect of Mechanical Vibration on the Structure
of Cast Niobium - Tin Superconducting Alloys,
by Ye. M. Savitskiy.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 5,
1969, pp 1000-1002.

Am Inst Phys

Vol 14, No 12, June 1970

Jul 70

Crystal Structure of Kurnakovite $\text{Mg}_2\text{B}_6\text{O}_{11} \cdot 15\text{H}_2\text{O}$
= $2\text{Mg}(\text{B}_3\text{O}_3(\text{OH})_5) \cdot 5\text{H}_2\text{O}$, by Z. P. Razmanova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 5,
1969, pp 1003-1006.
Am Inst Phys
Vol 14, No 12, June 1970

Jul 70

Stability of Nonequilibrium Defects, by G. K. Boreskov
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 5,
1969, pp 1031-1034.
CB

Jul 70

Stability to the Action of Constant Shearing Stresses
as a New Characteristic of the Coagulation Structures
in Aqueous Dispersions of Na-Bentonite, by
I. N. Vlodavets.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 5,
1969, pp 1035-1036.

CB

Jul 70

Correlation of the Electrophysical and Chemical
Properties for Metal Chelates and Polychelates,
by V. M. Vozzhennikov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 5,
1969, pp 1037-1040.

CB

Jul 70

Kinetics of Vibrational Relaxation in Polyatomic
Molecules, by Yu. A. Kalenov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 5,
1969, pp 1041-1044.

CB

Jul 70

Special Features of Deformation of Polyisobutylene
by Uniaxial Stretching, by V. A. Kargin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 5,
1969, pp 1045-1047.

CB

Jul 70

Influence of Radioactive Radiation on Electrochemical
and Catalytic Activity of Platinum, by

I. I. Pyshnogradova.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 5,
1969, pp 1048-1051.

CB

Jul 70

Stereospecific Hydrogenation of Acetylene-Phosphonic
Acid Esters, by T. N. Timofeyeva.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 5,
1969, pp 1052-1054.

CB

Jul 70

Critical Supersaturation for Phosphoric
Acid Vapors, by A. A. Brodskii
RUSSIAN, per, Dok Ak Nauk SSSR, Chem
Tech., Vol 189, No 5, Dec 1969,
pp 1055-1057.
CB

Nov 70

Connection Between Ordering in Liquid
Melts and Their Physical Properties,
by A. M. Yevseyev
RUSSIAN, per, Dok Ak Nauk SSSR, Chem
Tech., Vol 189, No 5, Dec 1969,
pp 1058-1060.
CB

Nov 70

Electron Microscope Investigation of
Polyester-Solvent-Filler Systems, by
L. P. Lavrishchev
RUSSIAN, per, Dok Ak Nauk SSSR, Chem
Tech., Vol 189, No 5, Dec 1969,
pp 1061-1064.
CB

Nov 70

Age of the Tushama Suite of the Siberian Platform,
by A. R. Anan'yev.

RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci,
Vol 189, No 5, 1969, pp 1065-1067.

AGI

Jan 71

Structure of the Vent Part of Stratovolcanoes
as Illustrated by the Avacha Volcano, by
V. N. Zelepugin.

RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci,
Vol 189, No 5, 1969, pp 1069-1072.

AGI

Jan 71

Age of the Pospelovskaya Suite and Time of
Appearance of Gondwana Elements in the Permian
Flora of the South Maritime Region, by
V. G. Zimina.

RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci,
Vol 189, No 5, 1969, pp 1073-1076.

AGI

Jan 71

Allochthonous Ultramafic Plutons on the Western
Slope of the Southern Urals, by

T. T. Kazantseva.

RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci,

Vol 189, No 5, 1969, pp 1077-1080.

AGI

Jan 71

Stratigraphy of the Upper Cretaceous of
Mongolia, by G. G. Martinson.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci,
Vol 189, No 5, 1969, pp 1081-1084.
AGI

Jan 71

North Boundary of the Omolon Block, by
K. B. Seslavinskiy.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci.,
Vol 189, No 5, 1969, pp 1085--1087.
AGI

Jan 71

Continental Red Beds of the Upper Jurassic
of Mongolia, by V. F. Shuvalov.

RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci,
Vol 189, No 5, 1969, pp 1088-1091.

AGI

Kan 71

The Serpentine Component of Nickel Silicates,
by I. V. Vitovskaya.

RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci,
Vol 189, No 5, 1969, pp 1092-1094.

AGI

Jan 71

Strain Zones in Vein Quartz, by Ye. F. Yemin.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci,
Vol 189, No 5, 1969, pp 1095-1098.
AGI

Jan 71

Augelite from a Stanniferous Rare-Metal Granite
in the USSR, by G. B. Melemt'yev.

RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci,
Vol 189, No 5, 1969, pp 1099-1102.

AGI

Jan 71

The Effect of High Temperatures on the
Dissolution of Organic Matter of Rocks
by Water, by I. G. Kissin.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci,
Vol 189, No 5, 1969, pp 1103-1106.
AGI

Jan 71

Gold in Igneous Rocks of the Atlantic Ocean
as Determined by Radioactivation Analysis,
by G. N. Znoshin.

RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci,
Vol 189, No 5, 1969, pp 1107-1110.

AGI

Jan 71

Regeneration of Coastal Placers as Related to
the Dynamics of the Sandy Submarine Slope, by
Yu. D. Shuyskiy.

RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci,
Vol 189, No 5, 1969, pp 1111-1113.

AGI

Jan 71

Relationship Between Monomorphism and Polymorphism
of Hemoglobins During Microevolution of Fishes,
by Yu. P. Altykhov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 5,
1969, pp 1115-1117.

CB

Oct 70

Energy Flow in the Pelagic of Lake Dal'nee,
by Ye. M. Krokhin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 5,
1969, pp 1118-1121.
CB

Oct 70

Use of the Alternating-Current Method to
Investigate the Mechanism of Conduction of
Artificial Phospholipid Membranes in the
Presence of an Uncoupler of Oxidative Phosphoryl
N - Tetrachlorotrifluoromethylbenzimidazole
by A. V. Lebedev, L. I. Boguslavskii,
RUSSIAN per, Dok. Ak. Nauk SSSR Ser Physics,
Vol 189, No 5, Dec 1969, pp 1122-1125
Consultants Bureau

August 70

Investigation of the Yield of Chromosome
Aberrations in Human Bone Marrow After Local
Irradiation with Co^{60} Rays, by I. M. Shapiro,
R. K. Elgalieva,
RUSSIAN, per, Dok. Ak. Nauk SSSR Ser Physics,
Vol 189, No 5, Dec 1969, pp 1126-1128
Consultants Bureau

August 70

Allosteric Properties of Plant Flutamate Decarboxylase
by V. L. Kretovich.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 5,
1969, pp 1129-1131.

CB

Jul 70

Allosteric Properties of Porcine Muscle Lactate
Dehydrogenase Isoenzyme, by V. L. Shpitsberg.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 5,
1969, pp 1132-1134.
CB

Jul 70

Changes in Frequency Spectrum in A₀ Medullated
Afferent Fibers During Stimulation of Cutaneous
Mechanoreceptors, by A. V. Zveke,
O. S. Gladysheva.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 5,
1969, pp 1150-1153.
CB

Oct 70

**Effect of Insulin and Glucagon on Content of
Nonesterified Fatty Acids in the Plasma of Chick
Embryos, by T. I. Mazina, K. Vizek.**

**RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 5,
1969, pp 1154-1156.**

CB

Oct 70

Reasons for the Absence of Effect of Adrenalin
on Glycolysis and Glycogenolysis in Embryonic
Muscles, by M. N. Pertseva, Z. P. Zheludkova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 5,
1969, pp 1157-1160.

CB

Oct 70

Approximate Solution of a System of Ordinary
Differential Equations Having a Small Parameter
with the Derivatives, by M. A. Beljaeva,
RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 189, No 6,
1969, pp 1167-1170.

AMS

Vol 10, No 6, 1969

May 70

The Problem of Linear Conjugation for a Holomorphic
Vector in a Banach Space, by M. A. Borodin,
RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 189, No 6,
1969, pp 1171-1173.

AMS

Vol 10, No 6, 1969

May 70

Correspondence Categories Over Semiableian
Categories, by M. S. Burgin,
RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 189, No 6,
1969, pp 1174-1176.

AMS

Vol 10, No 6, 1969

May 70

Maximum Principle in a Class of Variations of
Small Absolute Value for Optimal Control Problems
with Mixed Constraints of Equality and Inequality,
by A. Ja Dubovickiy,
RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 189, No 6,
1969, pp 1177-1180.

AMS

Vol 10, No 6, 1969

May 70

Imbedding Theorems for Weight Spaces of Fractional
Order with a Mixed Norm, by R. D. Kulov,
RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 189, No 6,
1969, pp 1181-1184.

AMS

Vol 10, No 6, 1969

May 70

A Contribution to the Theory of Singular Integral
Equations with Measurable Coefficients,
by V. D. Frolov,
RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 189, No 6,
1969, pp 1185-1188.
AMS
Vol 10, No 6, 1969

May 70

Solution to the Cauchy Problem and Its Asymptotic
Behavior for $T \rightarrow \infty$, for the Linearized Equations of
a Rotating Viscous Fluid, by V. N. Maslennikova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 6,
1969, pp 1189-1192.

Am Inst Phys
Vol 14, No 12, June 1970

Jul 70

The Velocity of a Wave Front, by Yu. Ye. Murakhver.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 6,
1969, pp 1193-1196.
Am Inst Phys
Vol 14, No 12, June 1970

Jul 70

Calculation of Ground Energy Level of Helium by
Means of Trajectory Integrals, by A. M. Yevseyev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 6,
1969, pp 1197-1199.
Am Inst Phys
Vol 14, No 12, June 1970

Jul 70

The Search for Far Transuranium Elements in Ferro-
manganese Nodules, by O. Otgonsuren.

RUSSIAN, p er, Dok Ak Nauk SSSR, Vol 189, No 6,
1969, pp 1200-1203.

Am Inst Phys

Vol 14, No 12, June 1970

Jul 70

A Paradox on the Diffusion of Plasma in Toroidal
Magnetic Traps, by R. Z. Sagdeyev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 6,
1969, pp 1204-1207.

Am Inst Phys

Vol 14, No 12, June 1970

Jul 70

Stochastic "Heating" of a Nonlinear Wave, by
N. N. Filonenko.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 6,
1969, pp 1208-1210.

Am Inst Phys

Vol 14, No 12, June 1970

Jul 70

Anomalous Decrease in Friction When Polyethylene
is Bombarded in Vacuo with Certain Atoms and
Molecules, by Ye. A. Dukhovskiy.

RUSSIAN, per, Dok Ak Nak SSSR, Vol 189, No 6,
1969, pp 1211-1214.

Am Inst Phys

Vol 14, No 12, June 1970

Jul 70

Strngth Characteristics of Elastomers at Small
Deformations, by Yu. S. Zuev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 6,
1969, pp 1215-1217.

Am Inst Phys

Vol 14, No 12, June 1970

Jul 70

Dimensional Effect in Magnetization of Hard Superconductors, by B. G. Lazarev.

RUSSIAN, Per, Dok Ak Nauk SSSR, Vol 189, No 6, 1969, pp 1218-1221.

Am Inst Phys

Vol 14, No 12, June 1970

Jul 70

Nucleation of the Crystalline Phase of Superconducting
Melts, by D. L. Leichkis.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 6,
1969, pp 1222-1225.

Am Inst Phys

Vol 14, No 12, June 1970

Jul 70

Composite Superconductors Obtained from Alloys by
the Phase Substitution Method, by Ye. M. Savitskiy.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 6,
1969, pp 1226-1229.
Am Inst Phys
Vol 14, No 12, June 1970

Jul 70

Electrical Properties of Arctic Drift Ice in
the 100 Hz-1 MHz¹, by V. V. Bogorodskiy.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci,
Vol 189, No 6, 1969, pp 1230-1232.
AGI

Jan 71

Regional Structural Characteristics of the
West-Northwestern Part of the Russian Plat-
form as Revealed by Average Gradients of the
Geomagnetic Field, by A. N. Korneva.

RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci,
Vol 189, No 6, 1969, pp 1233-1235.

AGI

Jan 71

A Statistical Model of the Earth's Crust, by
A. V. Nikolayev.

RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci,
Vol 189, No 6, 1969, pp 1236-1239.

AGI

Jan 71

Secular Changes in the Force of Gravity in the
Aral-Caspian Region, by A. Sh. Faytel'son.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci,
Vol 189, No 6, 1969, pp 1240-1241.
AGI

Jan 71

Heat Phenomena in Tropical Hurricanes, by
V. V. Shuleykin.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci,
Vol 189, No 6, 1969, pp 1242-1245.
AGI

Jan 71

Crystal Structure of $3\text{Mg}(\text{OCH}_3)_2 \cdot \text{MgCl}_2 \cdot 10\text{CH}_3\text{OH}$,
by R. I. Bochkova.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 6,
1969, pp 1246-1248.

Am Inst Phys

Vol 14, No 12, June 1970

Jul 70

EPR Investigation of One-Electron Oxidation Reactions
in Substituted Solium Indophenolate, by

A. I. Brodskiy.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 6,
1969, pp 1275-1277.

CB

Jul 70

Perturbation Theory in the Problem of Two Equivalent
Centers, by S. I. Vetchinkin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 6,
1969, pp 1278-1281.

CB

Jul 70

AEC/ORD TR 2301-70

Russian

EC

1,607/70

17 Feb 70 SF

Evaluating the Molecular Weight of the Anomalous
Component of Modified Water by the Cryoscopic
Method by B.V.Deryagin,
per, Doklady Akademii Nauk SSSR, Vol.189,
No.4,5,6,1969,pp 1282-1285,

Publish,

T.D. adv. copy & return of source desired by 19 Feb 70
incl. formulas, graphics, or as soon thereafter ASAP

per- do not mutilate

Estimation of the Molecular Weight of the Anomalous
Component in Modified Water by a Cryoscopic Method,
by B. V. Deryagin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 6,
1969, pp 1282-1285.

CB

Jul 70

Mechanism of the Nitrogen Oxides - and Hydrogen
Carbon Sensitized Ozone Formation Reaction Under
the Influence of Long-Wavelength Ultraviolet
Radiation, by M. T. Dmitrev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 6,
1969, pp 1286-1289.

CB

Jul 70

Prognosis of Chemical Reactions of Statistical
Discrimination Theory, by I. I. Ioffe.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 6,
1969, pp 1290-1293.

CB

Jul 70

Use of Nuclear Gamma Resonance to Investigate a
Solution of a Pt-Sn-Chloride Complex in Methanol,
by G. V. Novikov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 6,
1969, pp 1294-1297.

CB

~~NTC 72-13654-070~~
~~NTC 72-13647-070~~

Jul 70

EPR Study of Radioactive Magnesium Sulfate Catalysts,
by A. G. Pomogaibin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 6,
1969, pp 1298-1301.
CB

Jul 70

Oxidation of Carbon Monoxide by Oxygen on Platinum
Purified in Ultrahigh Vacuum, by A. V. Sklyarov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 6,
1969, pp 1303--1305.
CB

Jul 70

Strength of Dispersion Structure and Thizotropic
Properties of Hydrogels of Vanadium Pentoxide, by
V. V. Fedotova.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 6,
1969, pp 1306-1309.

CB

Jul 70

Orientation of Anisotropic Liquid Anisalaminoazo-
benzene in Electric and Magnetic Fields, by

V. N. Tsvetkov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 6,
1969, pp 1310-1313.

CB

Jul 70

Hydration and Hardening of Concentrated
Dispersion of Slag Minerals Under
Hydrothermal Conditions, by
A. A. Govorov
RUSSIAN, per, Dok Ak Nauk SSSR, Chem
Tech., Vol 189, No 6, Dec 1969,
pp 1314-1317.
CB

Nov 70

Dissociation of Magnetite, by
D. M. Chizhikov
RUSSIAN, per, Dok Ak Nauk SSSR, Chem
Tech., Vol 189, No 6, Dec 1969,
pp 1318-1319.
CB

Nov 70

Precambrian Stratigraphy of the Turukhan
Uplift, by Vl. A. Komar.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci,
Vol 189, No 6, 1969, pp 1321-1324.
AGI

Jan 71

Upper Boundary of the Monograptus Hercynicus
Zone in the Pay Khoy and Its Paleontologic
Proof, by T. N. Koren'.

RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci,
Vol 189, No 6, 1969, pp 1325-1328.

AGI

Jan 71